Today's Date: 12-21-04

What date would you like to use to limit the search?

Priority Date: 12-21-04   Other:

Name: John Romano

AU 2122   Examiner # 80490

Room # 5A30   Phone 2-3872

Serial # 10042482

Format for Search Results (Circle One):

PAPER   DISK   ~~EMAIL~~

Where have you searched so far?

(USP) (DWPI) (EPO) (JPO) (ACM) (IBM TDB)

IEEE (INSPEC) SPI   Other _____

Is this a "Fast & Focused" Search Request? (Circle One) (YES)   NO

A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2100 and on the EIC2100 NPL Web Page at http://ptoweb/patents/stic/stic-tc2100.htm.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

An object-oriented-environment where the base class is used only for storing attribute data. The attribute is defined in the subclass. Only defined in subclass, not stored.

STIC Searcher Geoffrey St. Leger   **Phone** 23590

Date picked up 12/21/04   **Date Completed** 12/21/04

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	461187	(attribute data) adj (stor$3 object)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/16 17:02
S2	700	(attribute data) adj (stor$3 object) with class and (subclass sub$1class sub-class)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/16 17:05
S3	411	(attribute data) adj (stor$3 object) with class and (subclass sub$1class sub-class) and read and write	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/16 17:05
S4	350	S3 and method and @ad<="20020108"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/16 17:05
S5	219	S4 and index	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/16 18:57
S6	133	S5 and java	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/16 17:33
S8	411	(attribute data) adj (stor$3 object) with class and (subclass sub$1class sub-class) and read and write	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/16 18:59
S9	350	S8 and method and @ad<="20020108"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/16 18:59

S10	219	S9 and index	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/16 18:59
S11	72	S10 and attribute adj data	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/16 19:01
S13	29	class with (sub derived) with (stor$3 near4 base near4 class)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 10:47
S14	10	base adj class near3 index	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 11:59
S15	3270	attribute adj (data value storage) with object	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 14:49
S16	1090	S15 and index	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 12:00
S17	869	S16 and @ad<="20020108"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 12:00
S19	59	S17 and subclass with (define defining defined)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 12:10

S20	21699979	@ad<="20020108"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 12:05
S21	10300817	(root parent base main first)$1class	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 12:12
S22	18987	parentclass parent-class parent adj class rootclass root-class root adj class baseclass base-class base adj class mainclass main-class main adj class first adj class	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 12:15
S23	7	S22 near5 stor$3 with data with only	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 12:16
S24	4	S23 and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 12:25
S25	24034	data adj object	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 12:26
S26	1323	S25 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 12:26
S27	603	S26 and S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 12:26

S28	143	S27 and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 12:29
S29	127	S28 and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 12:30
S30	16	subclass near2 defin$3 near3 only	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 12:31
S31	15	S30 and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 12:31
S32	8	S31 and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 14:40
S34	24034	data adj object	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 14:49
S35	3270	attribute adj (data value storage) with object	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 14:56
S36	1323	S34 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 14:50

S37	387	stor$3 near3 attribute adj (data value storage) with object	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 14:56
S38	195	stor$3 near1 attribute adj (data value storage) with object	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 15:07
S39	148	stor$3 adj attribute adj (data value storage) with object	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 15:07
S40	112	S39 and @ad<="20020108"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 15:08
S41	36	S40 and index	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 15:26
S42	276	base adj class with stor$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 15:27
S43	44	S42 and subclass with defin$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 15:27
S44	40	S43 and @ad<="20020108"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 15:51

S46	10	base adj class near2 stor$3 near2 data	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 16:03
S47	8	base adj class near2 stor$3 near2 data and attribute	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 16:03
S48	8	S46 and attribute	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 16:06
S50	1	base adj class near4 stor$3 adj data	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 16:08
S51	1532	object adj2 stor$3 adj data	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 16:08
S53	9	subclass adj3 defin$3 adj (data attribut$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 16:21
S56	11	("5418961").URPN.	USPAT	OR	ON	2004/12/17 16:31
S57	2762	(707/100).CCLS.	US-PGPUB; USPAT	OR	OFF	2004/12/17 16:58
S58	2631	(707/102).CCLS.	US-PGPUB; USPAT	OR	OFF	2004/12/17 17:00
S60	1594	(707/101).CCLS.	US-PGPUB; USPAT	OR	OFF	2004/12/17 16:58
S61	3534	(707/1).CCLS.	US-PGPUB; USPAT	OR	OFF	2004/12/17 16:59
S63	24034	data adj object	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 17:01

S64	6	data adj object near3 base adj class	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 17:05
S65	36	data adj object with base adj class	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 17:11
S68	15	static adj data adj object$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 17:38
S69	189	S37 and map$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 17:38
S70	202	S37 and map$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 17:39
S71	121	S70 and index	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 17:39
S72	14	S71 and subclass	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 17:39
S73	1898	object$1oriented adj database	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 19:17

S74	775	S73 and index	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 19:21
S75	444	S74 and attribute and @ad<="20020108"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 19:22
S76	149	S75 and subclass	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 19:22
S77	61	S76 and subclass with defin$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 19:22
S78	50	S77 and (data adj object)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 19:23
S79	22	S78 not IBM	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/17 19:23
S80	3275	base adj class	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/20 12:19
S81	86	S80 with storage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/20 12:20

S83	4	S81 with array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/20 18:01
S84	73	("5481712").URPN.	USPAT	OR	ON	2004/12/20 12:26
S85	14	S81 with (vector table database)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/20 14:20
S86	572	storage adj attribute	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/20 14:21
S95	372	database adj class	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/20 14:23
S96	3452	database adj object	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/20 14:23
S97	49	S95 with stor$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/20 14:24
S98	44	S97 and @ad<="20020108"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/20 14:42
S100	1	("6,128,771").PN.	US-PGPUB; USPAT	OR	OFF	2004/12/20 14:42
S101	4	S80 and S83	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/20 18:01

S10 2	38	S80 with array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/20 18:02
S10 3	77	S81 and @ad<="20020108"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/20 18:02
S10 4	32	S102 and @ad<="20020108"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/20 18:02
S10 5	27	S104 and storage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/20 18:02
S10 7	14	S105 and subclass	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/20 18:03
S11 2	24111	(attribute$1) near (data value)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 12:23
S11 3	696	(attribute$1) near (data value) near2 storage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/20 18:33
S11 4	10	S113 and subclass	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/20 18:33

S11 5	7	S114 and @ad<="20020108"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/20 19:10
S11 6	4	2001/0023419	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/20 19:12
S11 7	1	("6134540").PN.	US-PGPUB; USPAT	OR	OFF	2004/12/20 20:18
S11 8	584	(717/114,116).CCLS.	US-PGPUB; USPAT	OR	OFF	2004/12/21 10:27
S11 9	3757	((707/103r,103x,103y,103z) or (707/100)).CCLS.	US-PGPUB; USPAT	OR	OFF	2004/12/21 10:27
S12 0	45	S118 and S119 and @ad<="20020108"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 10:27
S12 1	7	(attribute$1) near (data value) with container with class	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 12:31
S12 2	21	(attribute$1) near (data value) with (storage container) with class and index	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 12:32
S12 3	21	((attribute$1) near (data value) with (storage container) with class) and index	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 12:33
S12 4	17	S123 and @ad<="20020108"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/21 12:33